

WHAT IS CLAIMED IS:

- Sub 1
1. A remote control trunk assembly for a saddle type vehicle comprising:  
at least one lid:  
an opening/closing mechanism for permitting and rejecting the opening and closing of each of said at least one lid, respectively; and  
a radio signal receiving unit, said radio signal receiving unit receives a radio signal for remotely operating said opening/closing mechanism, whereby said radio signal receiving unit is disposed on top of said at least one trunk.
  2. The trunk according to claim 1, wherein there is a rear trunk and a pair side trunks.
  3. The trunk according to claim 2 further comprising an opening/closing lever for each of said at least one lid, said opening/closing lever provided in a lower portion of said rear trunk.
  4. The trunk according to claim 2, wherein said radio receiving trunk assembly is mountable on a rear portion of a vehicle body, said radio receiving trunk assembly having a projection formed outside on top of the rear trunk, and said radio signal receiving unit is disposed inside said projection.
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5. The trunk according to claim 4, wherein said radio receiving trunk assembly is mountable on the rear portion of the vehicle body behind a seat, and said projection formed on top of the trunk serves also as a back rest of the seat.

6. The trunk according to claim 1 further comprising:

a switch for detecting the lid is open or closed, said switch outputs a result of the detection to the radio signal receiving unit;

a lock mechanism actuated by a key actuator to lock or unlock the lid; and

a trunk catcher actuated by a pop-up actuator to pop up the lid simultaneously with unlocking the lid.

7. The trunk according to claim 6, wherein said radio signal receiving unit responds to signals transmitted from the switch to control the pop-up actuator and the key actuator.

8. A remote controller for a remote control trunk assembly, the trunk assembly including at least one lid, an opening/closing mechanism for permitting and rejecting the opening and closing of each of the lid, and a radio signal receiving unit which receives a radio signal for remotely operating the opening/closing mechanism, whereby the radio signal receiving unit is disposed on top of at least one trunk, said remote controller comprising:

a locking button for locking the trunk;

an unlocking button for unlocking the trunk; and

a pop-up button for unlocking and popping-up the trunk.

9. The remote controller according to claim 8 further comprising a radio signal, said radio signal transmitting to the radio signal receiving unit having a switch to control a pop-up actuator and a key actuator.

10. A method for controlling a remote control trunk, comprising the steps of:  
 providing a radio signal transmitted from a remote controller;  
 determining if the radio signal is an unlocking signal;  
 determining if at least one lid of at least one trunk is open;  
 determining if the radio signal is a pop-up signal; and  
 determining if the radio signal is a locking signal.

11. The method according to claim 10, wherein the step of determining the unlocking signal further comprises an unlocking command issued from the remote controller to a key actuator to unlock at least one lock mechanism.

12. The method according to claim 11, wherein the step of determining if said at least one lid of said at least one trunk is open further comprises an output signal from at least one switch mounted in the trunk.

13. The method according to claim 12, wherein the step of determining if said at least one lid of said at least one trunk is open further comprises the step of determining if said at least one lid has been opened a by predetermined time.

14. The method according to claim 13, wherein the step of the predetermined time further comprises the step of locking all the trunks automatically if the predetermined time exceeds a time during which the at least one trunk is opened.

15. The method according to claim 12, wherein the step of determining the pop-up signal further comprises a pop-up command issued from the remote controller to the key actuator to cause only the lock mechanism to be unlocked selectively.

16. The method according to claim 15, wherein the step of the pop-up command further actuates a pop-up mechanism of the trunk in response to the pop-up command.

17. The method according to claim 15, wherein the step of determining the locking signal further comprises a locking command issued from a remote controller to the key actuator which in turn lock said at least one lock mechanism.

18. The method according to claim 10, wherein the step of determining if said at least one lid of said at least one trunk is open further comprises the step of turning on a hazard lamp.